

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	11	(COLIGNON.in. or "CHRISTOPHE.in") and (exhaust near3 gas) and (engine) and ((particulat\$4 or particl\$4) near4 (filter or trap))	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2006/07/28 13:35
S2	15	(COLIGNON.in. or "CHRISTOPHE.in") and (exhaust near3 gas) and (engine)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2006/07/28 13:37
S3	0	(COLIGNON.in. or "CHRISTOPHE.in") and (exhaust near3 gas) and (engine) and ((particulat\$4 or particl\$4) near4 (filter or trap)) and (ash\$4)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2006/07/28 13:38
S4	0	(COLIGNON.in. or "CHRISTOPHE.in") and (exhaust near3 gas) and (engine) and ((particulat\$4 or particl\$4) near4 (filter or trap)) and (oil)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2006/07/28 13:38

## EAST Search History

S5	857	(exhaust near3 gas) and (engine) and ((particulat\$4 or particl\$4) near4 (filter or trap)) and (ash\$4)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/07/28 13:38
S6	511	(exhaust near3 gas) and (engine) and ((particulat\$4 or particl\$4) near4 (filter or trap)) and (ash\$4) and (oil)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/07/28 13:38
S7	163	(exhaust near3 gas) and (engine) and ((particulat\$4 or particl\$4) near4 (filter or trap)) and (ash\$4 near4 (volum\$4 or amount)) and (oil)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/08/18 15:22
S8	6	(exhaust near3 gas) and (engine) and ((particulat\$4 or particl\$4) near4 (filter or trap)) and (ash\$4 near4 (volum\$4 or amount)) and (oil) and (ash\$4 near4 (oil and fuel))	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/08/18 15:22

## EAST Search History

S9	45	(exhaust near3 gas) and (engine) and ((particulat\$4 or particl\$4) near4 (filter or trap)) and (ash\$4 near4 (volum\$4 or amount)) and (oil) and (ash\$4 same (oil and fuel))	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/07/31 09:53
S10	7	(exhaust near3 gas) and (engine) and ((particulat\$4 or particl\$4) near4 (filter or trap)) and ((calculat\$4 or estimat\$4 or measure\$4) near4 (ash\$4) near4 (volum\$4 or amount)) and (oil) and (ash\$4 same (oil and fuel))	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/07/28 14:29
S11	14	(exhaust near3 gas) and (engine) and ((particulat\$4 or particl\$4) near4 (filter or trap)) and ((calculat\$4 or estimat\$4 or measure\$4) near4 (ash\$4) near4 (volum\$4 or amount))	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/07/28 14:31
S12	14	(exhaust near3 gas) and (engine) and ((particulat\$4 or particl\$4) near4 (filter or trap)) and ((calculat\$4 or estimat\$4 or measure\$4) near4 (ash\$4) near4 (volum\$4 or amount))	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/08/18 15:20

## EAST Search History

S13	128	(exhaust near3 gas) and (engine) and ((particulat\$4 or particl\$4) near4 (filter or trap)) and ((calculat\$4 or estimat\$4 or measure\$4) near4 (ash\$4)) and ((volum\$4 or amount))	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/07/28 15:07
S14	116	(exhaust near3 gas) and (engine) and ((particulat\$4 or particl\$4) near4 (filter or trap)) and ((calculat\$4 or estimat\$4 or measure\$4) near4 (ash\$4)) and ((volum\$4 or amount) near4 ash\$4)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/08/18 15:22
S15	29	S14 not (shell near4 oil)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/07/28 15:10
S16	29	S14 not (shell near oil)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/07/28 15:08

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S17	41	S13 not (shell near4 oil)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/07/28 15:10
S18	68	(exhaust near3 gas) and (engine) and ((particulat\$4 or particl\$4) near4 (filter or trap)) and (ash\$4 same (volum\$4 or amount)) and (oil) and (ash\$4 same (oil and fuel))	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/07/31 09:55
S19	14	(exhaust near3 gas) and (engine) and ((particulat\$4 or particl\$4) near4 (filter or trap)) and (ash\$4 same (volum\$4 or amount)) and (oil) and (ash\$4 near4 (oil and fuel))	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/07/31 09:55
S20	15	(exhaust near3 gas) and (engine) and ((particulat\$4 or particl\$4) near4 (filter or trap)) and (ash\$4 same (volum\$4 or amount)) and (oil) and (ash\$4 near4 ((lubricat\$4 or oil) and fuel))	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/07/31 09:57

## EAST Search History

S21	8	(exhaust near3 gas) and (engine) and ((particulat\$4 or particl\$4) near4 (filter or trap)) and (ash\$4 same (volum\$4 or amount)) and (oil) and (ash\$4 near2 ((lubricat\$4 or oil) and fuel))	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/08/18 15:23
S22	8	(exhaust near3 gas) and (engine) and ((particulat\$4 or particl\$4) near4 (filter or trap)) and (ash\$4 same (volum\$4 or amount)) and (oil) and ((ash\$4) near2 ((lubricat\$4 or oil) and fuel))	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/07/31 09:59
S23	22	(exhaust near3 gas) and (engine) and ((particulat\$4 or particl\$4) near4 (filter or trap)) and (oil) and ((ash\$4) near4 (fuel)) and ((ash\$4) near4 (lubricat\$4 or oil))	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/07/31 10:00
S24	9	(exhaust near3 gas) and (engine) and ((particulat\$4 or particl\$4) near4 (filter or trap)) and (oil) and ((ash\$4) near2 (fuel)) and ((ash\$4) near2 (lubricat\$4 or oil))	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/08/18 15:23

## EAST Search History

S26	7	("4835964"   "4934142"   "5711149"   "5716586"   "6367246"   "6405528"   "6438948").PN.	US-PGPU B; USPAT; USOCR	OR	ON	2006/07/31 10:12
S27	19	("6622480").URPN.	USPAT	OR	ON	2006/07/31 10:13
S28	30	("20010010152"   "20020189247"   "20030131592"   "20030136117"   "20040000139"   "20040031262"   "20040134187"   "20040194450"   "4603550"   "4711087"   "4835963"   "4835964"   "4864821"   "4934142"   "5195316"   "5287698"   "5319930"   "5489319"   "5711149"   "5716586"   "5850735"   "5974791"   "6013599"   "6367246"   "6405528"   "6438948"   "6622480"   "6708487"   "6786041"   "6845265").PN.	US-PGPU B; USPAT; USOCR	OR	ON	2006/07/31 10:14
S29	36	("6405528"   "6622480"   "6854265"   "6928809"   "7069721").URPN.	USPAT	OR	ON	2006/07/31 10:14

## EAST Search History

S30	64	("20010010152"   "20020189247"   "20030131592"   "20030136117"   "20040000139"   "20040031262"   "20040134187"   "20040194450"   "4603550"   "4711087"   "4835963"   "4835964"   "4864821"   "4934142"   "5195316"   "5287698"   "5319930"   "5489319"   "5711149"   "5716586"   "5850735"   "5974791"   "6013599"   "6367246"   "6405528"   "6438948"   "6622480"   "6708487"   "6786041"   "6845265"). PN. OR ("6405528"   "6622480"   "6854265"   "6928809"   "7069721"). URPN.	US-PGPU B; USPAT; USOCR	OR	ON	2006/07/31 10:14
S31	23	S30 and (ash)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/07/31 10:33
S32	22	(exhaust near3 gas) and (engine) and ((particulat\$4 or particl\$4 or soot) near4 (filter or trap)) and ((ash\$4) near4 (fuel)) and ((ash\$4) near4 (lubricat\$4 or oil))	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/08/18 15:24



## EAST Search History

S33	118	(exhaust near3 gas) and (engine) and ((particulat\$4 or particl\$4 or soot) near4 (filter or trap)) and ((calculat\$4 or estimat\$4 or measure\$4) near4 (ash\$4)) and ((volum\$4 or amount) near4 ash\$4)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/08/18 15:24
S34	14	(exhaust near3 gas) and (engine) and ((particulat\$4 or particl\$4 or soot) near4 (filter or trap)) and ((calculat\$4 or estimat\$4 or measure\$4) near4 (ash\$4) near4 (volum\$4 or amount))	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/08/18 15:21
S35	16	(exhaust near3 gas) and ((particulat\$4 or particl\$4 or soot) near4 (filter or trap)) and ((calculat\$4 or estimat\$4 or measure\$4) near4 (ash\$4) near4 (volum\$4 or amount))	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/08/18 15:24
S36	9	(exhaust near3 gas) and (engine) and ((particulat\$4 or particl\$4) near4 (filter or trap)) and ((ash\$4) near2 (fuel)) and ((ash\$4) near2 (lubricat\$4 or oil))	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/08/18 15:21

## EAST Search History

S37	0	((exhaust near3 gas) and (engine) and ((particulat\$4 or particl\$4) near4 (filter or trap)) and (oil) and ((ash\$4) near2 (fuel)) and ((ash\$4) near2 (lubricat\$4 or oil))).CLM.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/08/18 15:22
S38	3	((exhaust near3 gas) and (engine) and ((particulat\$4 or particl\$4) near4 (filter or trap)) and (ash\$4 near4 (volum\$4 or amount)) and (oil)).CLM.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/08/18 15:22
S39	0	((exhaust near3 gas) and (engine) and ((particulat\$4 or particl\$4) near4 (filter or trap)) and (ash\$4 near4 (volum\$4 or amount)) and (ash\$4 near4 (oil and fuel)) ). CLM.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/08/18 15:22
S40	6	((exhaust near3 gas) and (engine) and ((particulat\$4 or particl\$4) near4 (filter or trap)) and ((calculat\$4 or estimat\$4 or measure\$4) near4 (ash\$4)) and ((volum\$4 or amount) near4 ash\$4) ). CLM.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/08/18 15:23

## EAST Search History

S41	0	((exhaust near3 gas) and (engine) and ((particulat\$4 or particl\$4) near4 (filter or trap)) and (ash\$4 same (volum\$4 or amount)) and (oil) and (ash\$4 near2 ((lubricat\$4 or oil) and fuel)) ).CLM.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/08/18 15:23
S42	0	((exhaust near3 gas) and (engine) and ((particulat\$4 or particl\$4) near4 (filter or trap)) and (oil) and ((ash\$4) near2 (fuel)) and ((ash\$4) near2 (lubricat\$4 or oil))).CLM.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/08/18 15:23